DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY T.50N R.18W. T.50N. R.17W. N.M.P.M. Approximate base of main ore-bearing sandstone 0 335 0752 0748 8880 The report is preducing the analysis of the model of the world be considered with U.S. Goological Survey stander's EXPLANATION Diamond-drill holes, Geological Survey. Classification by grade (based on chemical assay and gamma-ray data) and thickness. Drill holes located by plane-table survey methods. (Numbers on drill-hole standpipes in field have prefix OM) Approximate base of main ore-bearing sandstone Boundary of favorable, semifavorable, and unfavorable ground underlain by ore-bearing sandstone Ground underlain by carnotite-bearing rock found by Geological Survey drilling, projected to inferred outer edges of mineralized layers, some of which overlap and are not connected between adjacent drill holes Weakly mineralized (contains less than 0.10% U308 or 1.0% V205 but 0.020% or more U308 or 0.10% or more V205 by chemical assay or registers gamma-ray values within the range from 0.020% to 0.099% eU308, or less than 1 foot thick if higher grade) Areas extensively drilled by private companies with wagon drill or jackhammer Ore-bearing (contains 0.10% or more U308 or 1.0% or more V205 by chemical assay or registers gamma-ray values of 0.10% or more eU308 and 1 foot or more thick) Mine workings, underground Diamond-drill holes, private operators. Classifica-Mine workings, open cut tion by grade (based on visual estimate and modified by chemical assay data when available) and thickness. (Holes drilled by Climax Uranium Co. have prefix Y, and by Ralph Foster and Son's have Mine dump prefix F) 600 FEET Contour interval 20 feet Barren X Y52 Datum is mean sea level Weakly mineralized (less than 0.10% U_3O_8 and 1.0% V_2O_5 , or less than 1 foot thick if higher grade) Ore-bearing (0.10% or more U308 or 1.0% or more V205 and I foot or more thick) Land section corner, located by plane-table survey EOLOGY BY H K. STAGER, G K BRASHER, methods D. A. JOBIN, AND OTHERS ENGINEERING BY E. V. REINHARDT, P B MUDGET, AND OTHERS Boundary of Government lease